

Chapter 6

Forward Support Company

ORGANIZATION AND MISSIONS

6-1. The FSC commander is the single CSS operator for the maneuver BN/TF. The FSC commander is responsible for executing the CSS plan in accordance with maneuver commander's guidance. The FSC commander responds directly to the Bn/TF XO who serves as the Bn/TF CSS integrator and assists the Bn/TF S4 in CSS synchronization and troubleshooting. The FSC is DS to the maneuver BN/TF and must regularly must interface with the FSB in order to provide CSS support to the Bn/TF. The FSC provides field maintenance and all classes of supply, less medical, to its supported BN/TF. The maneuver BN/TF provides Echelon I medical care to its supporting FSC. The FSCs accomplish their core functions through centralization of support. Centralization of support provides an increased efficiency and effectiveness in the flow of support and supplies. Centralized support allows the FSB commander to cross-level between FSCs and weight the battle logistically, or surge, as required. Centralization of support is enhanced through the employment of FBCB2 and CSSCS. The FSC has the capability to command, control, and integrate attached units such as engineer support teams or teams from Corps assets. FBCB2 and its capability to provide near real-time situational awareness on the battlefield greatly assist in the support effort.

6-2. The FSC is a multi-functional unit that includes an S&T platoon and a maintenance platoon organized to provide habitual support to a maneuver Bn/TF. The FSC is as mobile as the unit it supports. This mobility provides greater flexibility for the maneuver commander. The FSCs locate, based on METT-TC, four to twelve kilometers behind their supported maneuver BN/TF in the task force support area (TFSA). The maneuver unit company supply sergeants and Bn/TF HHC XO are located in the TFSA. They assemble their logistics packages (LOGPACS) and then move their vehicles forward to the company logistics release point (LRP). The company first sergeant (1SG) or his representative meets the LOGPAC and guides it to the company resupply point. The HHC XO provides operational liaison, support and advice to the FSC commander.

6-3. The FSCs co-locate a support operations cell with the maneuver BN/TF S1/S4 at the Combat Trains Command Post (CTCP). The CTCP is located within the FSC forward location, one to four kilometers behind the BN/TF. Based on METT-TC, the FSC has the flexibility to locate the unit maintenance collection point (UMCP), recovery, emergencies re-supply of Class III and V, and other assets from the TFSA in this FSC forward location. The

maneuver units will normally locate their Battalion Aid Station (BAS) within the combat trains location for force protection and proximity considerations. Combat repair teams (CRTs) from the FSCs are placed forward with each maneuver company under the control of the maneuver 1SG. The maneuver 1SG also has under his operational control the combat medical team (CMT) with track ambulance capability. Casualties are evacuated by track ambulance to the casualty collection point (CCP), consolidated, and further evacuated back to an ambulance exchange point (AXP). Figure 6-1 shows a doctrinal template on how to deploy the FSC to support their maneuver BN/TF.

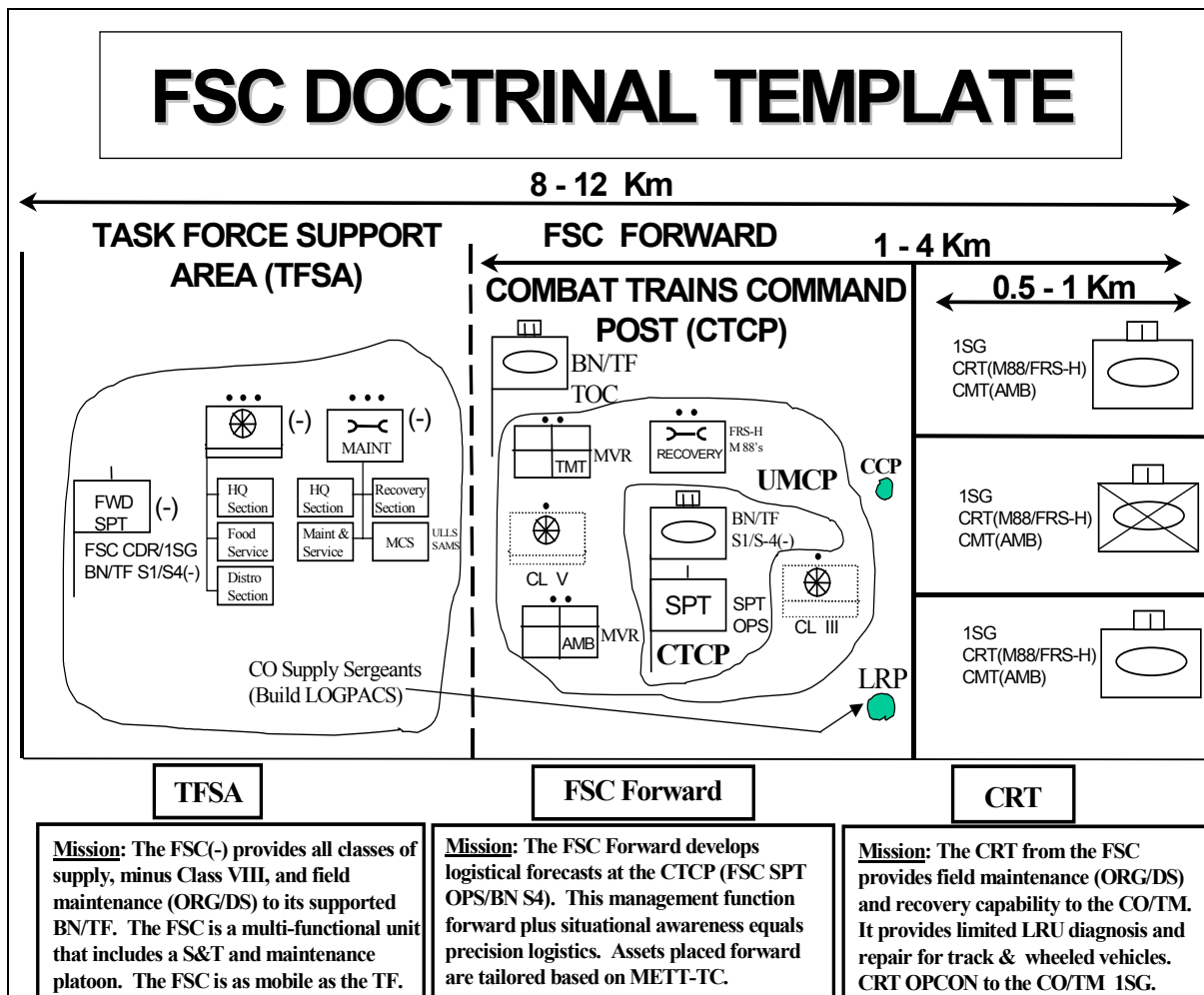


Figure 6-1. Forward Support Company Doctrinal Template

6-4. Figure 6-2 shows the FSC organization. The FSC depends upon the following:

HDC, FSB for personnel administration support.

HDC, FSB or TF for religious support.

The FSB support operations section for situational awareness, integrated materiel management, movement, maintenance, and distribution management direction.

The FSB and/or TF S2 for intelligence.

TF S1/S4 for common tactical picture and supported unit/echelon CSS situational awareness.

Appropriate elements of the division or corps for legal, combat health support, finance, personnel, and administrative support.

The BSC or EAB for resupply assets to maintain the required quantity of materiel for push forward to the supported battalion. Fuel requires a twice a day delivery, all other supplies are daily or as required by METT-TC.

The FSMC, FSB, for combat health support and patient evacuation. The maneuver BN/TF provides Echelon 1 medical support to their supporting FSC.

Corps mortuary affair teams for MA support.

The HDC for water distribution to the FSC.

Corps COMMEL assets to augment COMMEL maintenance.

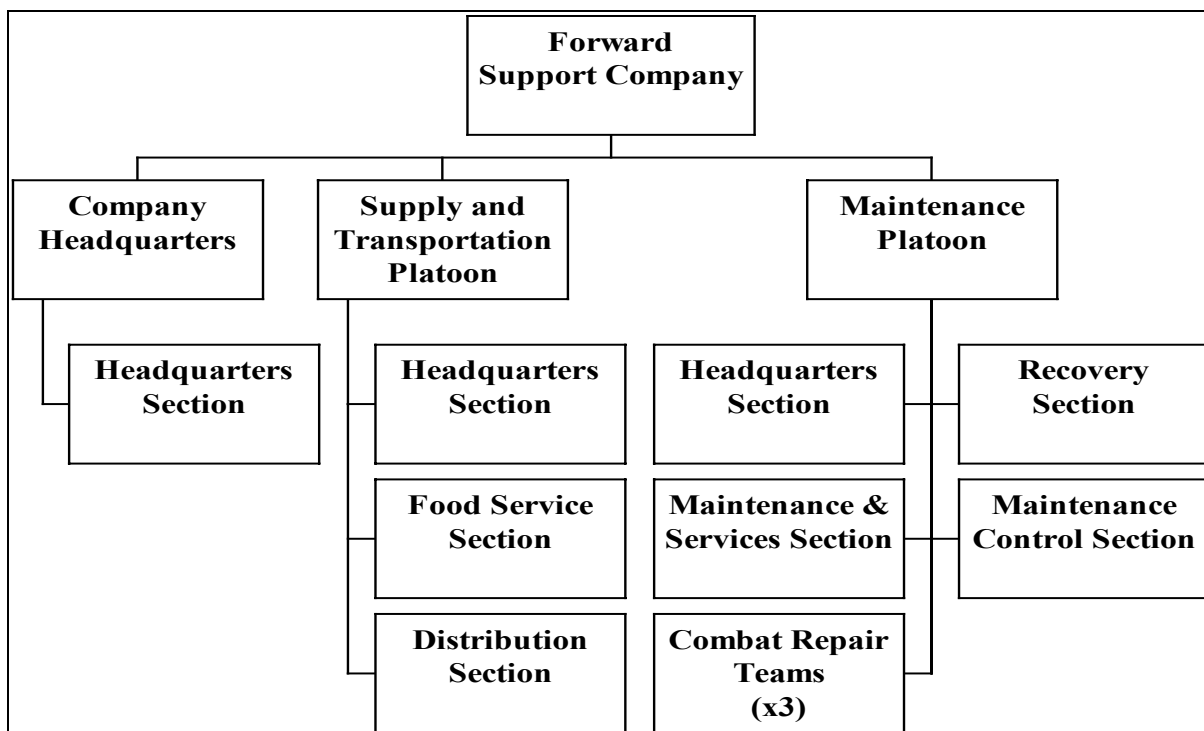


Figure 6-2. Forward Support Company

PLATOON/SECTION FUNCTIONS

COMPANY HEADQUARTERS**Headquarters Section**

6-5. The HQ section of the FSC provides C2 to assigned and attached personnel. It ensures that subordinate elements follow the policies and procedures prescribed by the FSC commander and the FSB commander. It directs the operations of its subordinate sections as well as the overall CSS operations in support of the BN/TF. The company commander is the single CSS operator for the conduct of all CSS operations, less medical, in support of the BN/TF.

COMPANY COMMANDER

6-6. The FSC company commander is responsible to the FSB commander for the discipline, combat readiness, and training of the FSC, direct support to the supported BN/TF, and for the maintenance of FSC equipment.

6-7. The commander is responsible for everything the FSC does or fails to do. He must be proficient in the tactical employment of the company and its assigned and attached CSS elements. The commander must also know the capabilities and limitations of the company's personnel and equipment in performing the CSS mission as well as those of CSS elements attached to him. Additionally, his responsibilities include leadership, discipline, tactical employment, training, administration, personnel management, supply, maintenance, communications, and sustainment activities of the company.

6-8. These duties require the commander to understand the capabilities of the company's soldiers and equipment and to know how to employ them to best tactical and CSS advantage. At the same time, the commander must be well versed in enemy organizations, doctrine, and equipment.

6-9. Using this knowledge, the commander prepares his unit for combat operations using troop-leading procedures. Ultimately, he must know how to exercise command effectively and decisively. He must be flexible, using sound judgment to make correct decisions quickly and at the right time based on the higher commander's intent and the tactical situation. He must be able to issue instructions to his subordinate leaders in the form of clear, accurate combat orders and then he must ensure that the orders are executed.

6-10. The company commander's responsibility in combat is threefold. He will:

- Accomplish all missions assigned to the FSC in accordance with the FSB commander's intent and will support the BN/TF commander's scheme of maneuver with CSS.

- Preserve the fighting capability of the supported BN/TF and the FSC. Must maintain continual communications with higher, lower, and adjacent units.

Retain connectivity of STAMISs with the FSB.

EXECUTIVE OFFICER

6-11. The XO is the principle assistant to the company commander. As second in command, he must understand both the support operations and the non-CSS functions of the forward support company. He supervises the company headquarters personnel and coordinates assigned missions with subordinate elements. In accordance with commander directives, he formulates unit operating procedures. He also supervises CP operations.

SUPPORT OPERATIONS FUNCTIONS

6-12. The support operations functions are performed by the executive officer or one of the other company officers. The support operations duties include the following:

- Continuous battle tracking.

- Ensure accurate, timely tactical reports are sent to the FSC CP.

- Assume command of the company as required.

- Assist in preparation the company OPORD for the commander and the concept of support for the BN/TF OPORD.

- Conduct tactical and logistical coordination with higher, adjacent, and supported units.

- As required, assist the commander in issuing orders to the company, headquarters, and attachments.

- Conduct additional missions as required. These may include serving as OIC for the quartering party, company movement officer, or company training officer.

- Assist the commander in preparations for follow-on missions.

Support Operations Personnel

6-13. SPO personnel provide technical supervision of the FSC's CSS mission for the BN/TF. This mission includes DS supply, field maintenance, and the coordination of transportation and field services. They collocate with the maneuver BN/TF S1/S4 representatives. This physical location on the ground where the support operations tracked vehicle co-locates with the maneuver BN/TF tracked vehicle is called the combat trains command post (CTCP). This CTCP is located in the FSC forward location, usually in the center of the FSC forward, for force protection purposes and to act as the command and control of the assets placed there, as well as, to facilitate cooperation, planning, and interface with the BN/TF staff. The FSC support operations personnel are responsible for a myriad of tasks, including the following:

General Tasks

Coordinates and provides technical supervision for the support unit's CSS mission.

Advises the commander on requirements versus available assets.

Determines CSS requirements in coordination with the FSB support operations, Bn/TF S4, the FSB S2/3, and the logistics representatives from other customer units.

Provides input to the Bn/TF log estimate and service support annex.

Plans and monitors support operations and makes necessary adjustments to ensure support requirements are met.

Tracks available assets through subordinate companies, the FSB support operations, Bn/TF S4, and other customers.

Keeps the FSB support operations section abreast of the log and requests backup support when needed.

Recommends support priorities and enforces priorities received from higher headquarters.

Coordinates with the FSB/TF S2/3 on support locations.

Plans and executes contingency operations as required.

Prepares and distributes customer support SOP.

Coordinates with the battalion S3 on routes in the BSA (BCOC & LOC routes).

Plans, coordinates, and controls allocation of available resources.

Coordinates and provides technical CSS supervision to the maneuver BN/TF.

Establishes and monitors Bn/TF LOGSITREP/ LOGSTAT/ LOGSPOT reports IAW SOP.

Plans future operations.

Establishes and maintain tactical and CSS overlays.

Establishes CSS synchronization matrix.

Maintenance Tasks

Recommends allocation of maintenance assets in coordination with company commanders and UMOs.

Monitors CRT operations and Class IX/major assembly resupply.

Reviews and recommends ASL changes to division/FSB support operations officer.

Forecasts and monitors the workload for all equipment by type.

Monitors maintenance shop production and job status.

Intensively manages non-mission capable (NMC) high priority jobs and pacing items.

Coordinates additional requirements through division/FSB support operations branch.

Coordinates critical parts status with division/FSB support operations officer.

Coordinates for personnel with special MOSs to support slice units equipment, e.g., combat engineers, ADA, and FA.

Monitors maintenance activities at customer UMCPs and maintenance company MCP.

Monitors slant report.

Supply and Services Tasks

Coordinates supply and service distribution with division/FSB support operation and the maneuver BN/TF.

Coordinates with division/FSB support operations section for augmentation as required.

Monitors daily battle loss reports to anticipate Class VII requirements.

Plans and supervises resupply operations.

Determines requirements and plans for air resupply operations. Requests and coordinates if required.

Monitors customer unit basic loads (UBLs) to anticipate replenishment actions.

Supply status report collection.

Maintains current status of critical supplies.

Monitors the CSR and supported units' UBLs.

Coordinates with the brigade/battalion S4 and BSC/FSC commanders on field services requirements and augmentations.

Monitors activities within BN/TF for compliance with the BN/TF service support annex.

Transportation Tasks

Coordinates and monitors the movement of replenishment stocks and services for the FSC.

Monitors retrograde of flatracks.

Monitors retrograde of aerial delivery equipment (fixed and rotary wing).

Coordinates retrograde of equipment and supplies with the FSB support operations officer or FSB movements NCO.

Coordinates delivery priorities with the brigade/battalion S4.

Coordinates supplemental transportation in support of the BN/TF.

Coordinates aerial resupply for critical items.

FIRST SERGEANT

6-14. The 1SG is the company's senior NCO and normally is its most experienced soldier. He is the commander's primary CSS and tactical advisor and he is an expert in individual and NCO skills. He is the company's primary internal CSS operator and

helps the commander and support operations officer to plan, coordinate, and supervise all logistical activities that support the company's mission. He operates where the commander directs or where his duties require him.

6-15. The 1SG's specific duties include the following:

Plan and supervise the company defense effort before, during, and after the battle.

Execute and supervise routine operations. The 1SG's duties may include enforcing the tactical SOP; planning and coordinating training; coordinating and reporting personnel and administrative actions; and supervising supply, maintenance, communications, and field hygiene operations.

Supervise, inspect, and/or observe all matters designated by the commander.

Assists in planing, rehearsing, and supervising key logistical actions in support of the tactical mission. These activities include resupply of Class I, III, and V products and materials; maintenance and recovery; medical treatment and evacuation; and replacement/return to duty (RTD) processing.

Assists and coordinates with the support operations in all critical functions.

As necessary, serves as quartering party NCOIC.

Using FBCB2 transmit company rollup reports LOGSITREP and PERSITREP. Transmit call for support (CFS) for immediate resupply for Class III/IV/V or recovery missions using FBCB2 (as required).

Conducts training and ensures proficiency in individual and NCO skills and small-unit collective skills that support the company's mission essential task list (METL).

Receives incoming personnel and assigns them to subordinate elements as needed.

Responsible for the medical evacuation of sick, injured, and wounded soldiers to the supporting medical treatment facility.

Responsible for the evacuation of soldiers killed in action to the supporting graves registration collection point.

In conjunction with the commander, establish and maintain the foundation for company discipline.

SUPPLY SERGEANT

6-16. The supply sergeant requests, receives, issues, stores, maintains, and turns in supplies and equipment for the company. He coordinates all supply requirements and actions with the 1SG and the support operations officer. Normally, the supply sergeant will be positioned in the TFSA where he is supervised by the company 1SG. He communicates with the company using the BN/TF A/L radio net (when available). The supply sergeant's specific responsibilities include the following:

Control the company cargo truck, resupplies the water trailer, and supervise the supply clerk/armorer.

Monitor company team activities and/or the tactical situation; anticipate and report logistical requirements using FBCB2; and coordinate and monitor the status of the company's logistics requests.

Coordinate and supervise the issue or delivery of supplies to the platoons or sections.

Provide order, receipt, and issue capability for Class I, II, III(P), IV, V, and VI through supply STAMIS (either ULLS-S4 or GCSS-A).

NBC NCO

6-17. The NBC NCO assists and advises the company commander in planning for and conducting operations in an NBC environment. He plans, conducts, coordinates, and/or supervises NBC defense training with the 1SG and covers such areas as decontamination procedures and use and maintenance of NBC-related equipment. Specific duties include the following:

Assist the commander in developing company operational exposure guidance (OEG) in accordance with OEG from higher headquarters.

Make recommendations to the commander on NBC survey and/or monitoring, decontamination, and smoke support requirements.

Requisition NBC-specific equipment and supply items.

Assist the commander in developing and implementing the company team NBC training program. The NBC NCO ensures that the training program covers the following requirements:

- First-line supervisors provide effective sustainment training in NBC common tasks.
- That NBC-related leader tasks are covered in sustainment training.
- That NBC-related collective tasks are covered in overall unit training activities.
- That NBC factors are incorporated as a condition in the performance of METL tasks.

Inspect company elements to ensure NBC preparedness and report to the commander the findings.

Process and disseminate information on enemy and friendly NBC capabilities and activities, including attacks.

Advise the commander on contamination avoidance measures.

Coordinate, monitor, and supervise decontamination operations.

ARMORER

6-18. The armorer performs organizational maintenance on the company's small arms and is responsible for evacuating weapons

as necessary to the maintenance platoon or to the base support company for DS maintenance. In addition, he normally assists the supply sergeant in his duties. As an option, the armorer may serve as the driver of the 1SG's vehicle to make him more accessible for weapons repair and maintenance in forward areas.

SUPPLY AND TRANSPORTATION PLATOON

6-19. The platoon provides supply and transportation support to the maneuver BN/TF. The S&T platoon provides Class I (to include food service support), II, III(P,B), IV, V, VI, and VII, to the maneuver BN/TF. The distribution section has the ability to conduct simultaneous III, V retail support to the maneuver companies, maneuver HHC and the FSC itself. The food service section provides food service support for its own company and the maneuver BN/TF. The food service section has the ability to prepare and deliver hot meals to the maneuver company area. The supply and transportation platoon operates FBCB2 and the STAMIS (SARSS-1 or GCSS-A).

6-20. Duties and responsibilities of the S&T platoon leader include:

- Provide command and control of the distribution and food service sections of the S&T platoon.

- Manage the distribution of supply Classes I, II, III(B), III(P), V, and VI to the BN/TF.

- Provide retail Class III(B) unit distribution to BN/TF maneuver units and supply point to TFSA units.

- Provide Class V unit distribution to BN/TF maneuver units and supply point to TFSA units.

- Provide order, receipt, and issue capability for Classes II, III(P), IV, and VI through supply STAMIS (either SARSS or GCSS-A).

- Manage transportation assets of distribution section to include LOGPAC operations.

- Provide food service support to the BN/TF.

6-21. The S&T platoon leader of the FSC takes over the responsibilities previously held by the support platoon leader in the maneuver units. The key activity of the S&T platoon is the conduct of LOGPAC operations to the BN/TF and getting replenishment sustainment stocks from division/corps units at the LRP. The S&T platoon leader also has the additional responsibility of managing the supply STAMIS (SARSS-1 or GCSS-Army supply module) resident in the FSC. Although the S&T platoon leader works for the FSC company commander, he receives mission taskings from the support operations officer of the company. Within the platoon, there is a senior supply NCO who serves as the platoon sergeant and a senior food service sergeant.

6-22. The S&T platoon sergeant is the platoon's second in charge and is accountable to the platoon leader for the leadership, discipline, training, and welfare of the platoon's soldiers. He

coordinates the platoon's maintenance and logistical requirements and handles the personal needs of individual soldiers. The platoon sergeant (PSG) executes the support mission of the platoon in concert with the concept of support, the operations order and platoon leader's guidance. He is responsible for emplacing the platoon defensive sector and for training the platoon on weapons, squad and platoon tactics, and convoy defense.

Platoon Headquarters Section

6-23. The S&T platoon HQ manages the distribution of supplies and food service coming from or passing through the FSC in support of a mechanized infantry or armor BN/TF.

Stock Control Procedures

6-24. The HQs section utilizes SARSS-1 to provide supply receipt and issue management. The platoon sergeant must ensure that daily start-up and closeout procedures are followed IAW ADMS 18-L1Y-AJT-ZZZ-EM (SARSS 1), ADMS 18-L1Y-AJT-ZZZ-UM (SARSS 1), and IAW the schedule of operations established by the DISCOM support operations. Automated document receipt and issue operations will be conducted IAW AR 710-2, AR 710-2-1, this FM/TTP, ADMS 18-L1Y-AJT-ZZZ-EM (SARSS 1), ADMS 18-L1Y-AJT-ZZZ-UM (SARSS 1), and unit SOP.

6-25. The stock control section is collocated to facilitate on-site item management. The stock control section will:

- Operate the SARSS-1 system.

- Maintain a current listing for all on-hand commodities.

- Process receipts, issues and turn-ins.

- Process turn-ins to maintenance (for reparable items).

- Establish limited storage, receipt and issue facility for all supported commodities.

- Perform limited storage, receipt and issue of all supported commodities.

- Deliver issued assets (LOGPAC) and pickup retrogrades(turn-ins to maintenance and/or for disposal).

Food Service Section

6-26. Class I is provided by the food service section. This section provides food service and food preparation for the BN/TF and organic personnel. It distributes prepackaged and/or prepared food. It is capable of providing one "heat-and-serve" meal and one "cook-prepared" (A or B) meal per day.

Distribution Section

6-27. The distribution section is responsible to support all classes of supply coming from or passing through the FSC in support of a mechanized or armor battalion. This includes retail refuel operations from organic assets and ammunition resupply.

6-28. Major differences between support of an armor and mechanized battalion are that the armor battalions require more fuel and the mechanized battalions require more ammunition STONS.

6-29. This section also provides Class II, III(P), IV, VII, and IX DS to the maneuver BN/TF units. The Class IX teams are capable of providing Class IX support to three maneuver companies and the HHC. Each Class IX team maintains the company's PLL/combat spares for the company/HHC it is supporting. It also provides exchange of reparable items.

MAINTENANCE PLATOON

6-30. The maintenance platoon, FSC, provides field maintenance (organizational and DS level) to itself and its supported maneuver BN/TF. The platoon consists of a headquarters section, maintenance control section (MCS), recovery section, maintenance and service section, and the combat repair teams. The maintenance platoon provides command and control and reinforcing maintenance to the CRTs. The CRTs provide field maintenance and battle damage assessment and repair (BDAR) to the maneuver companies. As a maneuver commander task organizes the force, all or part of a CRT goes with the company teams in order to maintain habitual support. The platoon maintains a limited quantity of combat spares (PLL and shop stock) in the MCS. The FSC operates the UMCP in what is known today as the task force support area (TFSA) or combat trains command post (CTCP) area depending on METT-TC. Maintenance advances such as the multi-capable mechanic, advances in diagnostics and prognostics maintenance capabilities, and the introduction of the forward repair system (FRS) enhances the FSC maintenance platoon's capabilities.

6-31. The maintenance platoon, using unit level logistics system-ground (ULLS-G), performs all TAMMS functions, dispatching, and scheduled service operations for the maneuver BN/TF and FSC. The FSC maintenance platoon's priorities are determined by the MCO in coordination with the maneuver BN/TF chain of command. The maintenance platoon operates and controls the BN/TF UMCP. The platoon performs on-system maintenance. It "replaces forward" by using diagnostics/prognostics to diagnose major component failure and then replaces that component. These components can include line replaceable units (LRU), major assemblies, or other sub-components. The extent of repair is METT-TC dependent. If time, tools, test equipment, and repair parts are available, repairs are done on site. Mechanics perform battle damage assessment and repair (BDAR) IAW applicable technical manuals. As directed, mechanics perform controlled exchange to expedite repairs. The BN/TF commander is the approval authority for controlled exchange actions. The FSC maintenance platoon coordinates backup and pass-back maintenance requirements with the FSC support operations.

6-32. During combat, the maintenance platoon's first priority is to reinforce the CRT's mission. The platoon headquarters coordinates with the FSC commander and FSC support operations officer to integrate and support BN/TF operations. The headquarters section maintains situational awareness of BN/TF operations. It also maintains FM communications capability with both the BN/TF command and logistics nets and capability to link to FBCB2 devices. This ensures the maintenance platoon maintains asset visibility and tactical as well as CSS situational awareness. Use of FBCB2 provides the roll-up of critical information required by the FSB to anticipate and meet the BN/TF maintenance requirements. The FSC maintenance platoon also coordinates backup and pass-back maintenance requirements through the FSC support operation officer to the FSB.

6-33. On the Force XXI battlefield, mechanized and armored maneuver battalions remain responsible for operator and crew level maintenance. Operators/crews may perform BDAR through the use of onboard BDAR kits and will use self-recovery techniques to greatest extent possible.

6-34. Operators and crews annotate PMCS shortcoming/deficiencies on DA Form 5988-E. The DA Forms 5988-E are consolidated, reviewed, and verified by the chain of command and CRT. Shortcoming/deficiencies are corrected immediately unless parts are required at which time parts are placed on order through ULLS-G or SAMS-1.

6-35. The FSC support operations officer coordinates the maintenance priorities with the battalion S4 and MCS. The MCO task organizes the maintenance platoon based on analysis of current and anticipated mission requirements. He is concerned with providing the appropriate support at the UMCP and forward. The UMCP is under the control and is workloaded by the MCS. It is task organized with the maintenance control section, the maintenance and service section, and the recovery section. Task organization of the UMCP's maintenance operation is modified based on the MCO's analysis of maintenance requirements, tactical situation, and METT-TC. Anything that is not repaired in the UMCP, or that is not towed by UMCP assets, is recovered to the BSA or evacuated echelons above division (EAD).

6-36. The maintenance control section is the management center for all maintenance actions. The FSC's ULLS-G boxes are collocated in the MCS. The MCO uses ULLS-G to produce the Army materiel status system (AMSS) readiness reports. The AMSS replaces manual readiness reporting on the front-side of DA Form 2406. The maneuver commander is responsible for the operator/crew maintenance functions in his unit. The MCO is responsible for preparing the readiness report for the maneuver commander's signature.

Maintenance Control Officer (MCO)

6-37. The maintenance control officer is the principal assistant to the commander, both BN/TF and FSB, on all matters pertaining to the field maintenance mission. The MCO serves as the task force maintenance officer for the maneuver BN/TF and FSC using SAMS-1 and FBCB2. He is responsible to the commander for the management of the combined efforts of the maintenance control section, maintenance and service section, recovery section, and the combat repair teams to include:

- Evaluating and ensuring the quality of maintenance completed by the maintenance platoon.

- Developing a training and cross-training plan for maintenance personnel.

- Coordinating for the recovery of BN/TF equipment.

- Monitoring the status of equipment under-going repairs and determining status of Class IX repair parts required to complete the repair.

- Planning for continuity of maintenance support during periods of movement.

- Managing production control, to include the assignment of work to shop sections and the compilation of prescribed reports and records.

- Coordinating maintenance and service section and combat repair teams requirements for the use of the recovery section assets.

- Coordinating the activities of the inspectors and maintenance personnel to ensure adherence to the maintenance standard.

- Executing maintenance priorities as established by the BN/TF and FSB commander.

- Anticipating expected work loads, shop progress, difficulties encountered during repair actions, and maintenance supply actions.

- Analyzing and planning all maintenance activities.

- Coordinating field maintenance requirements with FSC SPT OPNS and FSB SPT OPNS as appropriate.

- Developing the maintenance services plan for BN/TF equipment.

- Developing and executing the BN/TF licensing program.

- Integrates engineer support teams and corps maintenance teams into the FSC.

Maintenance Control Supervisor

6-38. The maintenance control supervisor is the best-qualified noncommissioned officer in the platoon, selected on the basis of leadership skills as well as technical ability. He is the principal assistant to the maintenance control officer in matters pertaining to the field maintenance mission of the organization. The maintenance control supervisor is responsible for management of

the combined efforts of all maintenance sections and teams and the day-to-day operations of the maintenance control section to include:

- Maintaining all records essential to the operations of the maintenance section and teams.

- Assigning daily workload to maintenance and service section and the recovery section.

- Knowing the status of equipment undergoing repairs.

- Managing equipment service schedule.

- Assisting in the troubleshooting, use of TMDE and tools, and replacement of parts.

- Managing ULLS-G and SAMS-1 STAMIS.

- Managing the maintenance platoon stockage of combat spares. Ordering required repair parts and replenishing combat spares as required.

- Managing, and when necessary, conducting cross training for mechanics in the FSC.

Maintenance Platoon Leader

6-39. The maintenance platoon leader is responsible for controlling and directing the accomplishment of the platoon's mission. He is responsible for the readiness of the platoon's personnel and equipment. He is also responsible for maintaining the health, welfare, and morale of platoon personnel. The unit commander primarily establishes the platoon leader duties. They include but are not limited to the following:

- Training of platoon personnel.

- Leading recovery team operations, forward repair elements, or other on-site maintenance missions.

- Reviewing and evaluating operator/crew preventive maintenance checks and services on platoon equipment.

- Determining platoon equipment operators licensing requirements.

- Participating in the analysis, planning, and supervising the execution all maintenance activities.

- Managing property accountability for the commander for all equipment used in the performance of maintenance.

- Understanding the BN/TF maintenance priorities and ensuring maintenance platoon adhere to the established priorities and guidance.

- Serving as maintenance control officer in his absence.

Maintenance Platoon Sergeant

6-40. The maintenance platoon sergeant is the platoon's second in command and is accountable to the platoon leader for the leadership, discipline, training, and welfare of the platoon's soldiers. He coordinates the platoon's maintenance and logistical

requirements and handles the personal needs of individual soldiers. The PSG executes the support mission of the platoon in concert with the concept of support, the operations order and platoon leader's guidance. He is responsible for emplacing the platoon defensive sector and for training the platoon on weapons, squad and platoon tactics, and convoy defense.

Unit Maintenance Officer (915E)

6-41. The unit maintenance officer (called support maintenance technician by MTOE) provides technical expertise on all aspects of the field maintenance mission. They use their advanced diagnostics and troubleshooting skills to isolate system faults and expedite the repair and return of major weapon systems to operation. Because of his technical expertise, the unit maintenance officer advises the commander and MCO on all matters pertaining to battle damage assessment and repair (BDAR). His responsibilities include, but are not limited to the following:

- Provides input to the plans. Organizes and allocates resources to execute the field maintenance mission in support of wheeled vehicles, tracked vehicles, ground support equipment, armament systems, small arms, fire control, and power driven chemical equipment.

- Evaluates and inspects maintenance operations and develops and implements corrective action plans where necessary to comply with regulatory and statutory requirements applicable in garrison and field environments.

- Identifies technical training shortfalls and when necessary trains maintenance personnel to accurately diagnose/troubleshoot mechanical, electrical, pneumatic and hydraulic malfunctions accurately using the latest equipment, technical publications, and procedures available.

- Provides management oversight and technical guidance on the establishment of unit stockages of combat spares IAW applicable supply regulations.

- Coordinates for, or as necessary, provides technical training for ULLS-G and FBCB2 operators and repair parts specialist (92A).

- Assists in the development and updating of the field maintenance SOP as it pertains to the conduct of field level maintenance operations.

- Oversees the unit's calibration and the Army oil analysis programs and ensures the programs are covered in the field maintenance SOP and meet the regulatory guidance.

- Directs, and when required trains recovery vehicle operators on safe and correct recovery operations. Ensures that recovery vehicle operators are properly trained and certified to perform recovery operations.

- Utilizes automated maintenance management systems to provide maintenance information to the commander and maintenance control officer.

Assists in the planning, scheduling, and publishing of the scheduled service plan for all assigned equipment per the applicable technical manual/lubrication order.

Conducts technical inspections of unit equipment to determine the equipment maintenance status.

Enforces the maintenance of up-to-date technical publications for use by maintenance personnel.

Establishes the commander's quality assurance program for maintenance and repairs. Oversees all quality control inspections and inspectors to validate their capability to identify improper repairs and scheduled services.

Serves as the unit's point of contact for automated readiness reporting and mileage reporting issues.

Headquarters Section

6-42. The maintenance platoon headquarters section provides command, control, and supervision for all administrative functions of the platoon. With guidance from higher headquarters, it plans and conducts all necessary training activities.

Maintenance Control Section

6-43. The MCS is the primary manager for all field maintenance in the FSC and supported BN/TF. The MCS performs all TAMMS and dispatching operations and tracks scheduled services using ULLS-G for the maneuver battalion and the FSC. All maneuver company ULLS-G boxes are collocated with the maintenance control section; and the MCS supervises the ULLS-G operators. The ULLS-G clerks operating each company box process the DA Form 5988-E completed by the operator or crew and verified by the CRT.

6-44. If a vehicle is non-mission capable (NMC) for organizational level maintenance, the ULLS-G operator enters that information into the ULLS-G computer. ULLS-G assigns an organizational work order number (ORGWON). If the vehicle requires DS level maintenance, an organizational work order DA Form, 5990-E, is generated by ULLS-G. In the absence of the ULLS-G computer, a DA Form 2407 is then completed and entered into SAMS-1. The SAMS-1 assigns a DS work order number. The MCS provides maintenance information management to the FSC support operations. It also provides maintenance information to the FSB support operations section by transmitting data, FM BLAST to the greatest extent possible (other communication technique to be determined), from the MCS's SAMS-1 box to the FSB support operation section's SAMS-2 box. When that is not available they will use a disk to transfer data.

6-45. The MCS uses three management tools: SAMS, ULLS-G, and FBCB2. The MCS receives calls for support (CFS) and logistics task order (LTO) messages through FBCB2. With the introduction of GCSS-Army, maintenance functionality will be consolidated in the maintenance module.

6-46. The MCS tracks the CFS and LTO through the "orders/request" functions in FBCB2. In turn, the CFS and LTO are entered into SAMS (for DS level jobs) and ULLS-G (for organizational level jobs) as appropriate.

6-47. The maintenance flow begins when the operator sends a CFS maintenance/recovery request using FBCB2. This message includes the vehicle location and the action requested. The message is sent simultaneously to the 1SG for action and to the FSC support operations section for information.

6-48. When the 1SG receives the CFS from the operator, he sends the logistic task order to the CRT for action. The CRT responds to the LTO with one of the acknowledgment messages. The operator requesting the maintenance support receives an information copy of the acknowledgment message. When the CRT is unable to provide the necessary support to accomplish the task in the CFS, the 1SG forwards a CFS to the FSC support operations section. The FSC support operations sends a LTO to the MCS for action. When the MCS receives a LTO from the FSC support operations section, it forwards the LTO to the appropriate section (another CRT, maintenance and service section, or recovery section) via FBCB2. The appropriate section responds to the LTO with one of the acknowledgment messages. Again, the requesting operator receives a copy of the acknowledgment message. When the LTO is accepted, the maintenance section NCOIC uses FBCB2 to synchronize/coordinate mission support and sends a mechanic to repair the vehicle. If the mechanic does not have the necessary combat spares on hand, he sends a message to the MCS via FBCB2 requesting additional repair parts. If the repair parts are not on hand at the MCS, they are ordered through ULLS-G (organizational parts) or SAMS (direct support parts). If the repair part arrives in a timely manner, the vehicle is repaired on-site or at the UMCP. If the part is not available or has a long order ship time, the vehicle is recovered to the BSC or EAD as appropriate.

Maintenance and Service Section

6-49. The maintenance and service section provides habitual field maintenance for the FSC and maneuver battalion HHC. This section also provides maintenance support to elements attached to the BN/TF and provides reinforcing maintenance to the CRTs. The CRT sends a CFS to the MCS via FBCB2 requesting support. The MCS sends a LTO to the maintenance and service NCOIC who responds with one of the acknowledgment messages. The maintenance flow is the same as described in the MCS.

6-50. This section is also responsible for providing organizational services on the equipment organic to the FSC and the maneuver battalion HHC, and assists the CRTs in completing the services for the maneuver companies. While performing services, the mechanic completes a DA Form 5988-E and turns it into the ULLS-G operator within MCS.

Service and Recovery Section

6-51. The recovery section provides recovery support to elements of the FSC. This section also provides limited reinforcing recovery support to CRTs. When reinforcing recovery support is required, CRTs send a CFS to the MCS. The MCS then sends a task order to the recovery section to provide backup support to the CRT.

6-52. Items that cannot be repaired on site must be recovered to the UMCP or BSA. The use of FBCB2 enables recovery vehicles to locate the exact location of the inoperable piece of equipment. The crew/operator forwards a call for support message through FBCB2 to the 1SG. This message includes the type of request, action requested, mission, and vehicle location. When the CRT recovery assets are not available to perform the recovery mission, the company/team 1SG sends a CFS to the FSC support operations section. Support operations section forwards a LTO to the MCS. The MCS forwards the LTO to the recovery section NCOIC. Upon notification, the section NCOIC acknowledges the LTO. However, if unable to perform the mission, the NCOIC redirects the message back to the MCS. The MCS returns the LTO back to the FSC support operations. The operator/crew receives a message from the maintenance activity accepting the maintenance request for recovery. When the FSC exceeds its organic recovery capability, the FSC support operations section requests assistance through the FSB support operations section by forwarding the original CFS by FBCB2. The FSB support operations section responds to the message by sending a LTO to the recovery section. The recovery section responds with an acknowledgment message. If the recovery section is unable to perform the mission, the FSB support operations section forwards the original CFS to EAD. Through the entire sequence of events the operator/crew is always updated on the status of his call for support in the FBCB2.

Combat Repair Teams

6-53. The armored and mechanized infantry maneuver BN/TF's first level of support comes from the FSC CRTs which are organized to provide field maintenance (organizational and direct support maintenance levels) for all combat platforms organic to maneuver companies. The company/team commander and the MCS set the CRT's priorities. The CRT operates under the operational control of the maneuver 1SG and is supervised by the CRT's maintenance NCOIC.

6-54. The scope and level of repairs are based on METT-TC. The CRTs perform repairs as far forward as possible returning the piece of equipment to the battle. During combat, CRTs will perform BDAR, diagnostics, and on-system replacement of LRUs. Emphasis is placed on troubleshooting, diagnosing malfunctions and fixing the equipment by component replacement. If the tactical situation permits, CRTs focus on completing jobs on site. The CRTs carry limited on board combat spares to help facilitate repairs forward. If inoperable equipment is not repairable, due either to METT-TC or a lack of repair parts, the team uses recovery assets to assist the maneuver company and may as necessary recover

inoperable equipment to the UMCP or designated linkup point. The CRTs are fully integrated into the maneuver units' operational plans.

6-55. The CRT and maintenance section work together on annual and semi-annual services to the FSC maintenance and service section of the FSC maintenance platoon to the maneuver company's equipment. The MCS inputs this information into ULLS-G. As the task force is task organized, CRTs with associated ULLS-G boxes move with supported units in order to maintain habitual support to the company.

6-56. Organizational and DS work orders are tracked by the MCS. The MCS gives the CRT a block of work order numbers to track equipment repair. The CRT NCOIC uses the free text message on the CFS via FBCB2 to update the MCS on work order status. The CRT opens a DS job by completing a DA Form 2407 after the equipment is repaired. The CRT sends paper work back to the MCS on part runs.

6-57. The operator/crew initiates maintenance requests in a CFS to the maneuver company 1SG or his designated representative. The maneuver company 1SG sends a LTO to the supporting CRT. The CRT NCOIC sends an acknowledgment message to the maneuver company 1SG and dispatches the appropriate assets to complete the mission. If the CRT exceeds its capability, it sends a can't comply (CANTCO) message to the maneuver company 1SG. The maneuver company 1SG reinitiates the platform's CFS up to the FSC support operations section. The FSC support operations section sends a LTO to the MCS. The FSC maintenance platoon maintains limited combat spares and provides backup maintenance and recovery support. The MCS checks the status of the maintenance and service/recovery section and the remaining CRTs to support the mission. If all FSC assets are committed, the MCS sends a CANTCO message to the FSC support operations. The FSC support operation then reinitiates the CFS to the FSB support operations.